

In re Patent Application of:
MCCARTHY
Serial No. 10/775,674
Filing Date: **FEBRUARY 10, 2004**

REMARKS

The Examiner is thanked for the thorough examination of the present application. Submitted herewith is a signed Terminal Disclaimer on behalf of the Assignee, TeamOn Systems, Inc., specifying the appropriate portion of the patent term being disclaimed. Accordingly, it is requested that the provisional double patenting rejection be withdrawn.

Independent Claims 1, 7 and 11 have been amended to more clearly define the subject matter thereof over the prior art. Support for the amendments may be found in paragraphs 0021-0024 of the originally filed specification, for example. No new matter is being added.

In view of the amendments and the supporting arguments presented in detail below, it is submitted that all of the claims are patentable.

I. The Claimed Invention

The present invention is directed to a communications system. As recited in amended independent Claim 1, for example, the system includes an application server and at least one communications device for processing requests from one another. The at least one communications device processes requests using a hypertext transfer protocol (HTTP) client application. The system further includes an HTTP server for interfacing the HTTP client application with the application server. More particularly, the HTTP server and the HTTP client application format requests to be communicated therebetween via the Internet in an HTTP format, and

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each provides additional state information with the HTTP formatted requests recognizable by the other for authenticating the application server and the HTTP client application to one another. In addition, the HTTP client application accepts work jobs from the application server by sending a GET request to a first universal resource locator (URL) associated with the HTTP server. Moreover, the client application responds to the work jobs from the application server by sending a POST request with results for the work jobs to a second URL different from the first URL and also associated with the HTTP server.

Independent Claim 7 is directed to a similar communications system, and independent Claim 11 is directed to a related method. These claims have been amended similarly to Claim 1 to recite that the HTTP client application accepts work jobs from the application server by sending a GET request to a first URL associated with the HTTP server, and responds to the work jobs from the application server by sending a POST request with results for the work jobs to a second URL different from the first URL and also associated with the HTTP server.

II. The Claims Are Patentable

The Examiner rejected independent Claims 1, 7, and 11 over U.S. Patent No. 6,775,687 to Binding et al. This patent is directed to a method for exchanging supplemental information fields between a client and server. The supplemental information is then used by the server to complete a client's GET request for content stored at a particular location. The supplemental

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information may be used to provide a customized response, or for access control to sensitive data. The server instructs the client to provide the supplemental information to a separate URL via an HTTP or Wireless Session Protocol (WSP) REDIRECT message.

The Examiner points to FIG. 3C and the associated text at col. 8, line 58 through col. 9, line 5, and col. 10, lines 46-49 of Binding et al. In particular, the Examiner notes that FIG. 3C illustrates a client 300 initially sending an HTTP GET request 310 for a particular Web page to the server 305' at a first URL "xyz." See col. 7, lines 18-33 of Binding et al. The server 305' determines that supplemental information (e.g., a password) is required from the client 300, and thus sends a response to the client in the form of a REDIRECT message 312 which includes a URL "abc" and a request header identifying the supplemental information that the server is requesting from the client. See col. 8, lines 12-13 and col. 9, lines 1-5. The client 300 responds to the REDIRECT message 312 by sending a subsequent GET request 324 to the redirected URL which includes the reply header and a subset of the supplemental information requested by the server. See col. 9, lines 29-34.

Accordingly, the client 300 is merely sending a GET request for a certain Web page to the server 305', and then sending a subsequent GET request for the same Web page to the redirected URL but with the supplemental information (e.g., a password) required by the server. Stated alternately, the server is simply causing a typical redirect of the client's GET request (a typical HTTP REDIRECT points the client to another location

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for the requested information), but with some supplemental information in the second GET request.

In stark contrast, the above-noted independent claims have been revised to recite that the HTTP client application accepts work jobs from the application server by sending a GET request to a first universal resource locator (URL) associated with the HTTP server, and responds to the work jobs from the application server by sending a POST request with results for the work jobs to a second URL different from the first URL and also associated with the HTTP server. The client 300 of Binding et al. is not accepting or processing any work jobs from the server 305'. Rather, the client 300 is simple re-sending its GET request to a different URL with additional information needed for the server to complete the request, NOT with results for any work job received from an application server. Moreover, the client 300 uses an HTTP GET request to provide the supplemental information to the server 305', NOT a POST request as is commonly used by a server for providing job results back to a client.

As such, the claimed invention may advantageously provide a "reverse" client-server relationship which allows the application server and HTTP server to access the HTTP client for performing desired work jobs despite the HTTP client being within a protected computer environment (e.g., behind a firewall), for example. See, e.g., paragraphs 0012 and 0018 of the originally filed specification.

Accordingly, the prior art fails to teach or fairly suggest all of the elements recited in independent Claims 1, 7,

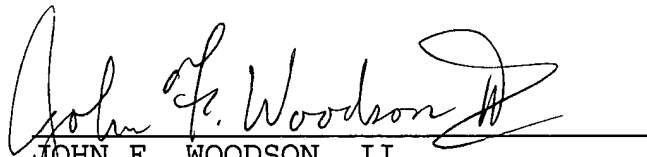
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and 11, which are therefore patentable. Their respective dependent claims, which recite yet further distinguishing features, are also patentable over the prior art and require no further discussion herein.

CONCLUSIONS

In view of foregoing, it is submitted that all of the claims are patentable. Accordingly, a Notice of Allowance is respectfully requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15th day of September, 2005.

